



UNITED STATES
PATENT AND
TRADEMARK OFFICE

FEBRUARY 11, 2003 ✓

CABOT CORPORATION
MARTHA ANN FINNEGAN
157 CONCORD ROAD
LAW DEPARTMENT
BILLERICA, MA 01821

RECEIVED
AUG 19 2003

KILYK & BOWERSOX, P.L.L.C.

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov



102263656A

UNITED STATES PATENT AND TRADEMARK OFFICE
/NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/22/2002 ✓

✓ REEL/FRAME: 013416/0278
✓ NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KIMMEL, JONATHAN L. ✓

DOC DATE: 05/15/2002

ASSIGNOR:

REDD, RANDALL V.

DOC DATE: 05/13/2002

ASSIGNEE:

CABOT CORPORATION
TWO SEAPORT LANE, SUITE 1300
BOSTON, MASSACHUSETTS 02210

SERIAL NUMBER: 10012187 ✓

PATENT NUMBER:

✓ FILING DATE: 11/06/2001
ISSUE DATE:

THERESA FREDERICK, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

DOCKETED

DLT

EXT 3600 360

BY Kal 8/19/03

ENTERED
8/19/03

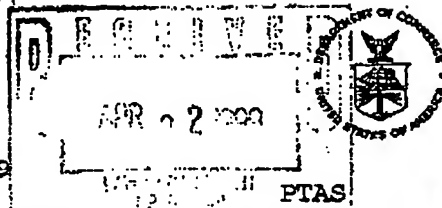
DEC-09-2004 16:52

CABOT LAW - IP GROUP

978 670 8027 P.02

APRIL 13, 1999

CABOT CORPORATION
MARTHA ANN FINNEGAN LAW DEPARTMENT
157 CONCORD ROAD
BILLERICA, MA 01821



USA
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/04/1999

REEL/FRAME: 9684/0440
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

FIFE, JAMES A.

DOC DATE: 12/02/1998

ASSIGNEE:

CABOT CORPORATION
75 STATE STREET
BOSTON, MASSACHUSETTS 02109

SERIAL NUMBER: 09154452

FILING DATE: 09/16/1998

PATENT NUMBER:

ISSUE DATE:

STEVEN POST, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

DOCKETED
DUE DATE: ~~12/30/04~~
DUE DATE: 3/30/05
BY: *Kel*

DEC-09-2004 16:53

CABOT LAW - IP GROUP

978 670 8027

P.03

Form PTO-1595

01-12-1999

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

RI



IET

100939240

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

James A. Fife

2. Name and address of receiving party(ies):

Name::

Cabot Corporation

Internal Address:

Street Address:

75 State Street

City: Boston

State: MA

ZIP

02109

Additional name(s) & address(es) attached? ☐ Yes ☒ No

Additional names of conveying party(ies) attached? No

3. Nature of Conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other

Execution Date: 12/2/98

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/154,452

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ NoAdditional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name:

Martha Ann Finnegan

Internal Address:

Cabot Corporation

Street Address:

Law Department

157 Concord Road

City: Billerica

State: MA

ZIP

01821

Total fee (37 CFR 3.41): \$

40.00



Enclosed



Authorized to be charged to deposit account

8. Deposit Account Number:

03-0060

☒ Duplicate Copy of this page is attached.

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Martha Ann Finnegan

Name of Person Signing

Signature

Date

Total number of pages including cover sheet: 4

OMB No. 0651-0011

Do not detach this portion:

JSHABAZZ 00000080 030060 09154452

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Box Assignments, Commissioner for Patents, Washington, D.C. 20231, on the date appearing below.

Carmen Cullison 1/4/99

Time taken reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send documents regarding this bar code system to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503.

01/08/1999
01 FC:581

DEC-09-2004 16:53

CABOT LAW - IP GROUP

978 670 8027

P.04

ATTORNEY DOCKET NO. 98057

PATENT

ASSIGNMENT

I, James A. Fife, citizen of the United States of America, residing at 908 Neversink Street, Reading, PA 19606 having invented the subject matter described in U.S. Patent Application entitled "METHODS TO PARTIALLY REDUCE A NIOBIUM METAL OXIDE AND OXYGEN REDUCED NIOBIUM OXIDES", the specification of which was filed on September 16, 1998 in the United States Patent and Trademark Office, as Serial No.09/154,452, for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, hereby sell, assign, and transfer to Cabot Corporation, a Delaware corporation, having a principal place of business at 75 State Street, Boston, Massachusetts 02109-1806, its successors and assigns, the entire right, title and interest in and to said application and the invention therein contained, including all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States of America and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent and all rights in any applications therefor. I further sell, assign and transfer to Cabot Corporation all right, title, and interest in any and all corresponding divisional, renewal, substitute, and continuation applications, and all corresponding reexamination and reissue certificates.

I hereby represent and warrant that there are no rights or interests inconsistent with the rights and interests granted herein and that I will not execute any instrument or grant or transfer any rights or interests inconsistent with the rights and interest granted herein, and I, James A. Fife, bind myself and my respective heirs, executors, administrators and legal representatives, as the case may be, to execute and deliver to Cabot Corporation, its successors and assigns, any further documents or instruments and do any and all further acts that may reasonably be deemed necessary by Cabot Corporation, to enable Cabot Corporation, its successors or assigns to file applications for the invention in any country where it may elect to file such applications, and that may be necessary to vest in Cabot Corporation, its successors and assigns, the title herein conveyed or intended so to be, and to enable such title to be recorded in the United States and foreign countries where such application or applications may be filed.

And I further covenant and agree, in consideration of the premises, that I and my respective heirs, executors, administrators and legal representatives, as the case may be, will at any time, upon request, communicate to Cabot Corporation, its successors and assigns, any facts relating to the invention and the improvements contained therein and the history thereof, known to me or my respective heirs, executors, administrators and legal representatives, as the case may be, and that I will testify as to the same in any interference or other litigation when requested so to do by Cabot Corporation, its successors and assigns.

Page 1 of 2

DEC-09-2004 16:54

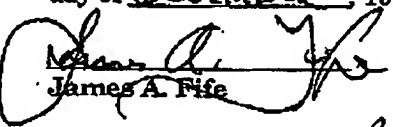
CABOT LAW - IP GROUP

978 670 8027 P.05

ATTORNEY DOCKET NO. 98057

PATENT

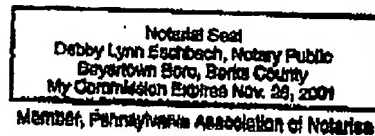
IN TESTIMONY WHEREOF, I, James A. Fife, has hereunto set my hand this 2nd
day of December, 1998.


James A. Fife

COMMONWEALTH OF Pennsylvania
COUNTY OF Berk

On this 2 day of December, 1998 before me personally appeared James A. Fife, to me known and known to me to be the individual described in and who executed the foregoing instrument, and who duly acknowledged to me that he executed the same for the purpose therein set forth.


NOTARY PUBLIC
My Commission Expires:



Page 2 of 2